

What is claimed is:

- 1           1.     A method for controlling a device using mixed manual and spoken input  
2 comprising:  
3           prompting a user of the device using a combination of a visual prompt and an audible  
4 prompt, including  
5           presenting a set of input choices,  
6           accepting a command from the user to provide an audible prompt, and  
7           in response to said command, playing an audible prompt that identifies one or  
8 more of the set of input choices; and  
9           accepting an input from the user in response to the visual and audible prompts.
- 1           2.     The method of claim 1 wherein presenting the set of input choices includes  
2 graphically presenting a list of the set of choices.
- 1           3.     The method of claim 1 wherein presenting the set of input choices includes  
2 audibly presenting a list of the set of choices
- 1           4.     The method of claim 1 wherein accepting the command from the user to provide  
2 an audible prompt includes accepting a manual command.
- 1           5.     The method of claim 1 wherein accepting the command from the user to provide  
2 an audible prompt includes accepting a spoken command.
- 1           6.     The method of claim 1 wherein playing the audible prompt includes playing an  
2 audible representation of the one or more of the choices.
- 1           7.     The method of claim 6 wherein playing the audible representation of the choices  
2 includes playing a spoken description of the choices.
- 1           8.     The method of claim 7 wherein playing the audible representation of the choices  
2 further includes applying a speech synthesis algorithm to produce the spoken description.

1           9.     The method of claim 7 wherein playing the audible representation of the choices  
2 further includes accessing a stored audio representation of the spoken description.

1           10.    The method of claim 7 wherein playing the audible representation of the choices  
2 further includes receiving data characterizing the spoken description from a remote location

1           11.    The method of claim 1 wherein accepting the input in response to the visual and  
2 audible prompts includes accepting a manual input.

1           12.    The method of claim 1 wherein accepting the input in response to the visual and  
2 audible prompts includes accepting a spoken input.

1           13.    The method of claim 1 further comprising monitoring a condition of an  
2 environment of the device, and wherein accepting the input from the user includes limiting an  
3 input mode according to the environment.

1           14.    The method of claim 13 wherein limiting the input mode includes rejecting  
2 manual input.

1           15.    The method of claim 13 wherein limiting the input mode includes rejecting  
2 spoken input.

1           16.    The method of claim 13 wherein the environment of the device includes a motor  
2 vehicle and monitoring the condition of the environment includes monitoring the speed of the  
3 vehicle.

1           17.    The method of claim 14 wherein limiting the input mode includes rejecting  
2 manual input when the speed of the vehicle exceeds a threshold speed.

1           18.     A mobile device comprising:  
2                 a user interface including, a graphical display, a manual input device, an audio output  
3 device, and an audio input device;  
4                 a controller coupled to the user interface configured to  
5                     prompt a user of the device using the graphical display and the audio output  
6 device, including displaying a visual prompt that identifies a set of input choices on the graphical  
7 display, accepting a command from the user to provide an audible prompt, and in response to  
8 said command, playing an audible prompt using the audio output device that identifies one or  
9 more of the set of input choices, and  
10                 accept an input from the user in response to the visual and audible prompts.